

Application No.: 10/803384
Docket No.: HT4000USNA

Page 2

Amendments to Claims

1. (Currently Amended) A yarn suitable to provide arc and flame protection comprising:

- (a) ~~40 to 75~~ 45 to 60 weight percent modacrylic fiber,
- (b) ~~40 to 40~~ 15 to 35 weight percent cotton fiber and
- (c) ~~1 to 40~~ 5 to 30 weight percent aramid fiber,

said percentages on the basis of components (a), (b) and (c).

2. (Canceled)

3. (Original) The yarn of claim 1 where the fiber includes both para-and meta-aramid fiber.

4. (Original) The yarn of claim 3 wherein the para-aramid fiber is present in a range from 20 to 40 weight percent and the meta-aramid fiber is present in a range from 60 to 80 weight percent on a basis of total aramid fiber.

5. (Original) The yarn of claim 4 wherein the para-aramid fiber is present in a range from 25 to 35 weight percent and the meta-aramid fiber is present in a range from 65 to 75 weight percent.

6. (Original) The yarn of claim 5 which additionally contains an anti-static component.

7. (Original) The yarn of claim 6 wherein the anti-static component is carbon or metal.

8. (Original) The yarn of claim 7 wherein the anti-static component is carbon.

9. (Original) The yarn of claim 1 which additionally contains an anti-static component.

Application No.: 10/803384
Docket No.: HT4000USNA

Page 3

10. (Original) The yarn of claim 9 wherein the anti-static component is carbon.

11. (Currently Amended) A fabric suitable to provide an arc and thermal protection comprising:

- (a) ~~40 to 75~~ 45 to 60 weight percent modacrylic fiber,
- (b) ~~10 to 40~~ 15 to 35 weight percent cotton fiber and
- (c) ~~1 to 40~~ 5 to 30 weight percent aramid fiber,

said percentages on the basis of components (a), (b) and (c).

12. (Canceled)

13. (Original) The fabric of claim 11 wherein the char length according to ASTM D-6413-99 is less than 6 inches.

14. (Original) The fabric of claim 11 wherein the char length according to ASTM D-6413-99 is less than 4.5 inches.

15. (Original) The fabric of claim 11 wherein the fabric includes fibers of para- and meta-aramid.

16. (Original) The fabric of claim 15 wherein para-aramid fiber is present in a range from 20 to 40 weight percent and meta-aramid fiber is present in a range from 60 to 80 weight percent on a basis of total aramid fiber.

17. (Original) The fabric of claim 16 wherein the para-aramid fiber is present in a range from 25 to 35 weight percent and the meta-aramid fiber is present in a range from 65 to 75 weight percent.

18. (Original) The fabric of claim 11 which additionally contains an anti-static component.

Application No.: 10/803384
Docket No.: HT4000USNA

Page 4

19. (Original) A garment suitable to provide arc and thermal protection:

- (a) ~~40 to 75~~ 45 to 60 weight percent modacrylic fiber,
- (b) ~~40 to 40~~ 15 to 35 weight percent cotton fiber and
- (c) ~~1 to 40~~ 5 to 30 weight percent aramid fiber,

said percentages on the basis of components (a) (b) and (c).

20. (Canceled)